



2000 Annual Users' Meeting Workshop Agenda

Workshop 3: Very Bright Infrared Sources and Applications

Wednesday, May 24 - 8:50 am to 5:20 pm
NSLS Seminar Room, Building 725B (second Floor)

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| 8:50 am | Welcome and Opening Remarks
G.P. Williams - Thomas Jefferson National Accelerator Laboratory |
| 9:00 am | Infrared Radiation Programs at LURE and CLIO
Paul Dumas - LURE, Orsay, France |
| 9:30 am | Biological Microspectroscopy
Lisa Miller - NSLS, Brookhaven National Laboratory |
| 10:00 am | IR-FEL Programs at Stanford
Todd Smith, Stanford University |
| 10:30 am | B R E A K |
| 11:00 am | Applications of Synchrotron IR at Daresbury Laboratory
Mark Surman - Daresbury Laboratory, England |
| 11:30 am | Applications of IR Synchrotron Radiation for
Microspectroscopy
Lindsay Keller - MVA, Inc., Norcross, GA |
| 12:00 pm | L U N C H <i>(served at workshop location)</i> |
| 1:00 pm | The High Average Power IR Free-Electron Laser at Jefferson
Lab.
Frey Dylla - Thomas Jefferson National Accelerator Laboratory |
| 1:30 pm | Synchrotron Infrared Science at the Advanced Light Source:
Recent Results
Mike Martin - Advanced Light Source
Lawrence Berkeley National Laboratory |

- 2:00 pm **UCSB Free-electron Lasers and Terahertz Dynamics in Semiconductor Quantum Structures**
James Allen - University of California at Santa Barbara
- 2:30 pm **B R E A K**
- 3:00 pm **Free Electron Laser Applications**
Glenn Edwards - Duke University
- 3:30 pm **Research Programs at the Vanderbilt FEL**
David Ernst - Vanderbilt University
- 4:00 pm **Latest Instrumentation Developments in IR Microspectroscopy**
Dave Schiering - Spectra-Tech, Inc.
- 4:20 pm **IR Microspectroscopy of Small Molecular Systems and Minerals under High Pressure**
Zhenxian Liu - Carnegie Institution, Washington, D.C.
- 4 :40 pm **ESR and Far-IR Spectroscopy in Magnetic Fields**
Laszlo Mihaly - SUNY at Stony Brook
- 5:00 pm **Time Resolved Spectroscopy at the DUKE FELL**
M. Shane Hutson - Free Electron Laser Lab., Duke University
- 5:20 pm **End of Meeting, Sign up for Hands-on workshops!!**

Workshop Organizer: Gwyn P. Williams, Thomas Jefferson National Accelerator Laboratory, e-mail: gwyn@jlab.org